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NPIC/TSSG/DED-1742-69
24 July 1969

MEMORANDUM FOR: Chief, Technical Services & Support Group, NPIC

SUBJECT : Status of the Development of 1540 Split-Format Light Tables

1. This memorandum outlines the understanding of DED with respect to the development of prototype 1540 Split-Format Light Tables.

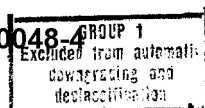
25X1 2. [] started development under contract on a
prototype 1540 Split-Format Light Table specifically to meet the requirements
of the next acquisition system to become operational. During progress of
25X1 this development, the construction of a light table was undertaken and
funded by [] that would substantially meet the requirements
specified in the Development Objectives for the [] 1540 Light Table.
Subsequent testing and evaluation of the [] effort indicated that their
table was in some respects superior to the [] prototype and worthy of
further consideration as competition for []. In view of this, a series
of meetings was held between various organizational components of NPIC to
determine a course of action.

3. Development objectives will be formulated for an advanced prototype
1540 Split-Format Light Table that will include the best features of both
the earlier prototypes developed by []. The Development
Objectives will require the submission of cost estimates for a basic instru-
ment incorporating the following capabilities: 1000 foot rolls of film, 0
to 76 inch film take-up loop, motorized table elevation, motorized film
transport, and motorized microstereoscope carriage and mount. In addition,
cost estimates will be required for the following optional capabilities: 500
foot rolls of film, 76 inch to 27 foot film take-up loop, motorized 0 to 15
degree continuous tilt of the illuminated surfaces and optics carriage and
mount, manual table elevation, manual film transport system, and manual trans-
port of the microstereoscope carriage and mount. The Development Objectives
25X1 will be forwarded to [] with requests for the submission of
proposals in response to the requirements outlined in the Development
Objectives.

25X1 4. Based on the proposals submitted, parallel contracts will be awarded
to [] for the development of prototype light tables, one by each
company, incorporating the basic or optional features desired on the prototype
instruments. The prototypes will be subjected to a period of testing and
evaluation that will determine the relative merits of the instruments. The
decision can then be made as to whether the [] table is more
desirable, and contracts can be awarded to either or both of the companies
for production quantities.

Declass Review by NIMA/DOD

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SUBJECT: Status of the Development of 1540 Split-Format Light Tables

5. Attached is a tentative time schedule of events leading to the delivery of production model light tables to the Center.



25X1

Chief, Development & Engineering Division,
TSSG

Attachment:
As stated

Distribution:

- Orig - NPIC/TSSG
- 1 - NPIC/PPBS
- 1 - NPIC/LEG
- 1 - DIR/IAS
- 1 - DIAXX-4
- 1 - DIAAP-9
- 1 - ARMY/SPAD
- ✓ 1 - NPIC/TSSG/DED
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25X1 NPIC/TSSG/DED/SDB  (24 Jul 69)

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